

JUL 20 2006

Atty Docket No. 021756-016300US

PTO FAX NO.: 1-571-273-8300

ATTENTION: Examiner Kimberly N. McLean Mayo

Group Art Unit 2187

OFFICIAL COMMUNICATION
FOR THE PERSONAL ATTENTION OF
EXAMINER KIMBERLY N. MCLEAN MAYO

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents in re Application of JIN YANG et al., Application No 10/041,033, filed December 28, 2001 for SYSTEM AND METHOD FOR EFFICIENTLY PERFORMING MEMORY INTENSIVE COMPUTATIONS INCLUDING A BIDIRECTIONAL SYNCHRONIZATION MECHANISM FOR MAINTAINING CONSISTENCY OF DATA are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

1. SB/21 Transmittal Form (1 page)
2. Amendment (9 pages)

Number of pages being transmitted, including this page: 11

Dated: July 20, 2006


Krista K. Merrimac

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3994

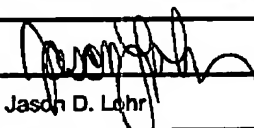
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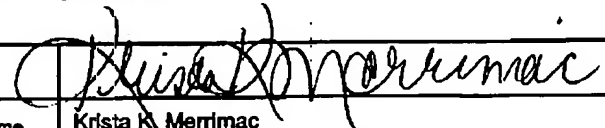
JUL 20 2006

PTO/SB/21 (08-04)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/041,033	
	Filing Date	December 28, 2001	
	First Named Inventor	Jin Yang	
	Art Unit	2187	
	Examiner Name	Kimberly N. McLean Mayo	
Total Number of Pages in This Submission	11	Attorney Docket Number	021756-016300US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
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Signature			
Printed name	Jason D. Lehr		
Date	July 20, 2006	Reg. No.	48,163

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Typed or printed name	Krista R. Merrimac	Date	July 20, 2006

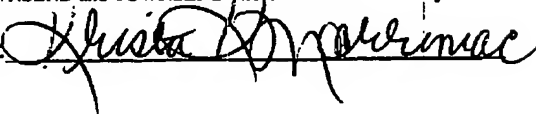
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PATENT
Attorney Docket No.: 021756-016300US
Client Ref. No.: OID-2005-246-01

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By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jin YANG et al.

Application No.: 10/041,033

Filed: December 28, 2001

For: SYSTEM AND METHOD FOR
EFFICIENTLY PERFORMING MEMORY
INTENSIVE COMPUTATIONS
INCLUDING A BIDIRECTIONAL
SYNCHRONIZATION MECHANISM FOR
MAINTAINING CONSISTENCY OF DATA

Customer No.: 51206

Confirmation No. 2586

Examiner: Kimberly N. McLean
Mayo

Technology Center/Art Unit: 2187

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed April 21, 2006, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.